

Converting Colors

XYZ(41.4263, 36.5011, 73.9692)

Have a look what the booklet for
XYZ(41.4263, 36.5011, 73.9692)
contains.

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Color

**XYZ(41.4263, 36.5011,
73.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	AC98DE
RGB	172, 152, 222
RGB Percent	67%, 60%, 87%
CMY	0.3255, 0.4039, 0.1294
CMYK	0.23, 0.32, 0.00, 0.13
HSL	257°, 51%, 73%
HSV	257°, 32%, 87%
XYZ	41.4263, 36.5011, 73.9692
YIQ	165.9600, -10.5500, 26.0100

Conversions

Conversions Part 2

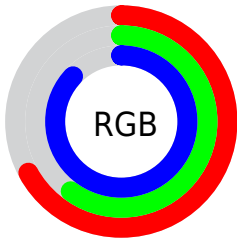
Format	Color
R _{YB}	172, 152, 222
Decimal	11311326
CIE _{Lab}	66.90, 21.76, -32.88
CIE _{LCh}	67, 39.434, 303.498
Yxy	36.5011, 0.2727, 0.2403
Android (android.graphics.Color)	4289501406 (0xFFAC98DE)
YUV	165.9600, 27.6277, 5.2971
Hunter-Lab	60.4161, 16.6661, -30.2991

Details

The XYZ color **41.4263, 36.5011, 73.9692** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.1470, 67.0669, 39.6933**, and the grayscale version is **36.1017, 37.9818, 41.3622**.

A 20% lighter version of the original color is **72.1162, 67.8566, 103.9044**, and **19.0999, 15.9489, 38.6310** is the 20% darker color. If you saturate the color by 10%, you get **34.8798, 28.2694, 72.7260**, and if you desaturate by 10%, it is **49.0649, 46.2984, 75.4583**.

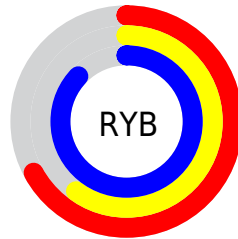
Distribution



Red (67%)

Green (60%)

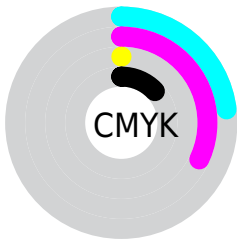
Blue (87%)



Red (67%)

Yellow (60%)

Blue (87%)

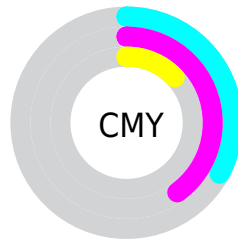


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (33%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4263, 36.5011, 73.9692 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.4263, 36.5011, 73.9692 by changing the saturation by 10% instead.

■ 41.4263, 36.5011,
73.9692

■ 41.4263, 36.5011,
73.9692

343.1314,
331.1455, 493.5276

■ 28.8415, 24.8215,
54.2722

■ 76.6012, 69.8048,
126.5858

■ 19.1046, 15.9441,
38.4247

■ 99.9221, 92.1976,
160.3424

■ 11.8503, 9.4846,
26.0081

127.5523,
118.9303, 199.6227

■ 6.7133, 5.0586,
16.6039

159.8572,
150.3873, 244.8452

■ 3.3282, 2.2817,
9.7935

197.2022,
186.9529, 296.4284

■ 1.3296, 0.7640,
5.1584

239.9527,

■ 0.2052, 0.0000,

229.0115, 354.7908

2.2802

288.4740,
276.9476, 420.3511

■ 0.0000, 0.0000,
0.7201

■ 0.0000, 0.0000,
0.0000

■ 41.4263, 36.5011,
73.9692

■ 41.4263, 36.5011,
73.9692

■ 34.8798, 28.2694,
72.7260

■ 49.0649, 46.2984,
75.4583

■ 29.3695, 21.5161,
71.7129

■ 57.8404, 57.7337,
77.2030

■ 24.8398, 16.1519,
70.9162

■ 67.7998, 70.8799,
79.2156

■ 21.2280, 12.0757,
70.3198

■ 78.9859, 85.8043,
81.5067

■ 18.4634, 9.1724,
69.9051

■ 88.8328, 97.3569,
83.2176

■ 16.4636, 7.3050,
69.6501

■ 90.1849, 98.0540,
83.2809

■ 15.2622, 6.3449,
69.5281

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.3988, 36.5011, 82.4482



41.4263, 36.5011, 73.9692



46.0207, 36.5011, 56.3030

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4263, 36.5011, 73.9692



40.0750, 36.5011, 16.9756



24.4452, 36.5011, 41.7846

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.4263, 36.5011, 73.9692



56.1470, 67.0669, 39.6933

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.3960, 36.5011, 26.7980



41.4263, 36.5011, 73.9692



33.9971, 36.5011, 15.1218

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.4263, 36.5011, 73.9692



45.1797, 36.5011, 24.2127



28.7323, 36.5011, 18.1396



25.9695, 36.5011, 60.8031

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.4263, 36.5011, 73.9692



47.4022, 36.5011, 43.5858



28.7323, 36.5011, 18.1396



24.4868, 36.5011, 36.1339

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.4275, 36.5026, 73.9700



82.3847, 83.2438, 106.3333



47.2945, 54.2698, 77.0902



17.2228, 17.2773, 22.6771



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4275, 36.5026, 73.9700



50.4914, 42.1201, 100.0765



50.0997, 40.9732, 74.3759



13.3180, 13.4320, 17.2784



9.1603, 3.8176, 41.3024



0.7215, 0.3092, 2.8669

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.0142, 42.2518, 61.2924



67.3926, 51.3113, 79.2532



47.7615, 62.7441, 39.3009



14.1193, 13.8654, 16.3985



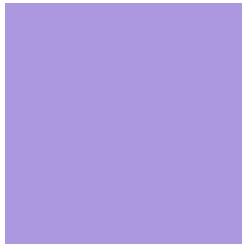
21.6384, 10.7224, 20.5596



1.5378, 0.7584, 1.6251

Previews

White Background



This preview shows how the XYZ color 41.4263, 36.5011, 73.9692 looks on a white background.

Color Contrast Check

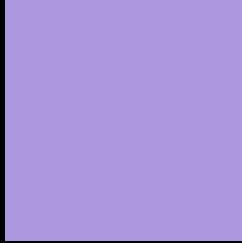
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.4263, 36.5011, 73.9692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

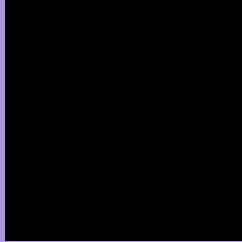
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4263, 36.5011, 73.9692

Background



This preview shows how black text looks on a background with the XYZ color 41.4263, 36.5011, 73.9692.



This preview shows how white text looks on a background with the XYZ color 41.4263, 36.5011,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.4263, 36.5011, 73.9692

Protanopia

37.8690, 36.5495, 79.1876

Deuteranopia

37.5172, 36.7680, 72.8297



Tritanopia

35.4891, 36.3323, 45.1867

Trichromacy



Original Color

41.4263, 36.5011, 73.9692

Protanomaly

38.9213, 36.3772, 76.9216

Deuteranomaly

38.7956, 36.6427, 73.4346

Tritanomaly

37.3567, 36.3223, 54.3322

Monochromacy



Original Color

41.4263, 36.5011, 73.9692

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.7562, 37.3597, 51.6756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4263, 36.5011, 73.9692 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(172, 152, 222)` looks like.

```
.text, #text, p{  
    color:rgb(172, 152, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(172, 152, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 152, 222) }
```

Border

The CSS property to change the border of an element to XYZ 41.4263, 36.5011, 73.9692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 152, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(172, 152, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(172, 152, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 152, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 152, 222);  
box-shadow:4px 4px 4px 4px rgb(172, 152,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4263, 36.5011, 73.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 152, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(172,  
152, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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